

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF KINGSTON-TERRILL	)	
WATER DISTRICT FOR APPROVAL OF A	)	CASE NO.
CERTIFICATE OF CONVENIENCE AND NECESSITY	)	96-011
TO CONSTRUCT WATER FACILITIES	)	

O R D E R

IT IS ORDERED that Kingston-Terrill Water District ("Kingston-Terrill") shall file an original and 10 copies (two copies of engineering-related materials) of the following information with the Commission, with a copy to all parties of record within 14 days from the date of this Order. Kingston-Terrill shall furnish with each response the name of the witness who will be available at the public hearing, if one is held, for responding to questions concerning each item of information requested.

1. Provide the criteria used in determining the location, size, overflow elevation, and head range for the proposed water storage tank. What other sites were considered and why were they not selected?

2. The computer hydraulic analyses indicate that the system is expected to operate such that the proposed tank will start to refill after only dropping 1.61 feet below overflow in a 24-hour period. This would translate to approximately 21,500 gallons out of a 500,000-gallon tank or approximately 4 percent of the total storage volume. Based on this information, will this amount of water turnover be sufficient to maintain adequate residual chlorine

to prevent stagnation and bacteria growth during low flow periods or the warm summer months? Explain how this determination was made.

3. With control or operation changes, provide the maximum amount of water which can be withdrawn from the proposed tank on a daily basis. This response should be based on no customer having less than 30 psig and replenishment during the same 24-hour period.

Done at Frankfort, Kentucky, this 3rd day of April, 1996.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

  
Executive Director